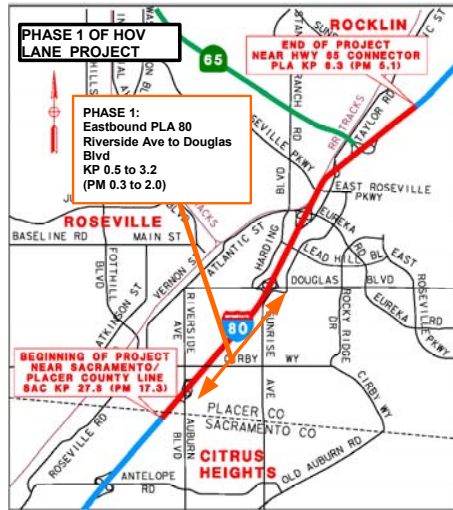


Pla-80 HOV, Phase-1

ITIP FUNDING NEED: Prior ITIP funds programmed for phase-1.



Project Location: Phase 1 of the Placer 80 HOV lane project begins near the Riverside eastbound onramp (KP 0.5, PM 0.3) to the Douglas offramp (KP 3.2, PM 2.0).

Co/Rte/KP/PM:

03-PLA-80 KP 0.5/3.2 (PM 0.3 to 2.0)
EA: 03-36780 PPNO: 0146D

Project Description:

Provide an incremental improvement to the PLA 80 HOV lane project by extending a fourth lane from Riverside Ave. to Douglas in the eastbound Placer 80 freeway. The extension would eliminate a current lane drop of five to three lanes in the vicinity. Incremental TOS improvements are also planned with closed circuit television cameras, ramp meters, and traffic monitoring.

Project Scope:

Includes construction of modified freeway onramps, auxiliary lanes, TOS elements, and landscaping improvements

Engineer's Estimate: \$4.6 million (2/3 FY) for the Phase 1.

Existing Funding:

Proposed Total Project Cost							Project
Component	Prior	04/05	05/06	06/07	07/08	08/09+	Total
E&P (PA&ED)	2,000						2,000
PS&E	1,400						1,400
R/W SUP (CT) *			300				300
CON SUP (CT) *				1,600			1,600
R/W			100				100
CON			4,110	1,200			5,310
TOTAL	3,400		4,510	2,800			10,710

Project Schedule:

PAED 6/1/04
PE 6/1/04
PSE 11/1/04
R/W Cert 7/1/05
RTL 5/1/06

PROJECT INFORMATION

Purpose & Need for the Project:

The phase 1 project is an incremental improvement to the Placer 80 HOV lane project, proposed in phases, due to limited funding available.

The full project is described as follows:

The project addresses mobility, congestion, trip reliability, and safety issues associated with increased traffic loads on the regional transportation infrastructure. The present level of service on Interstate 80 would continue to deteriorate until traffic demand exceeds the roadway capacity in 2005. Congested-related type accidents also contribute to added inefficiency of the freeway system. Both directions of Interstate 80 meet the criteria for congestion, with sampled peak hour speeds of 24 MPH (39 KPH) and 23 MPH (37 KPH) recorded in the westbound and eastbound

directions, respectively. From Fall 2000 to Fall 2001, the average peak congestion increased 83% to 419,000 vehicle-hours per year in the eastbound direction and 444% to 40,000 vehicle-hours per year in the westbound direction.

This full project proposes freeway improvements on the I-80 corridor to improve mobility, relieve congestion, maintain trip reliability, and enhance safety for freeway users from near the Sacramento/Placer County line to east of the State Route 65 connector. The preferred alternative (HOV lane) enhances the regional corridor improvements by adding another 9.3 km (5.8 mi.) of part-time HOV lanes primarily in Placer County to the existing 15.4 kilometer (9.6 mile) long Sacramento High Occupancy Vehicle Lane project. The part-time high occupancy vehicle (HOV) lanes promote mass transit usage and carpooling during peak hours, with HOV lanes open to all traffic outside of weekday peak hours. In conjunction with Traffic Operations Systems, the freeway lane additions improve the traffic flow on the freeway and interchanges by providing more efficient traffic merges, peak hour onramp metering, dynamic roadway condition updates, and real-time monitoring of traffic flow allowing for quicker traffic incident response.

Project Need:

This incremental improvement will provide a 10 mph improvement in speed for the first year of construction. LOS improvements will be reduced from F to E-F. Although this is a slight improvement it will have a lasting effect until the ultimate project is constructed.

Project Purpose:

To provide an incremental improve in operations until the ultimate project is completed. Also, provide improvements for the ultimate project by increasing the efficiency of the HOV lanes by improving weaving movements on the mainline facility.